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AMENDMENT TO THE CLAIMS

- 1. (Previously presented) A semiconductor device comprising:
- a gate insulating film having a multilayer structure including a zirconium oxide film and a high dielectric constant film which is formed of an oxide of a metal other than zirconium and substantially directly contacting the zirconium oxide film,

wherein the high dielectric constant film is a hafnium oxide film or a hafnium aluminate film.

- 2. (Canceled)
- 3. (Original) The semiconductor device of claim 1, wherein the high dielectric constant film contains nitrogen.
- 4. (Original) The semiconductor device of claim 1, wherein the gate insulating film includes a zirconium silicate film formed under the zirconium oxide film.
 - 5-20. (Canceled)
 - 21. (Previously presented) A semiconductor device comprising:
- a gate insulating film having a multilayer structure including a zirconium oxide film and a high dielectric constant film which is formed of an oxide of a metal other than zirconium and substantially directly contacting the zirconium oxide film,

wherein the high dielectric constant film is a hafnium oxide film, a hafnium silicate film, or a hafnium aluminate film,

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wherein the gate insulating film includes a zirconium silicate film formed under the zirconium oxide film.

- 22. (New) The semiconductor device of claim 1, wherein the gate insulating film includes a silicon nitride film formed under the zirconium oxide film.
- 23. (New) The semiconductor device of claim 22, wherein the silicon nitride film has a thickness of 1 nm or less.
- 24. (New) The semiconductor device of claim 1, further comprising a gate electrode on the gate insulating film.
- 25. (New) The semiconductor device of claim 24, wherein the gate electrode is a titanium nitride film.
- 26. (New) The semiconductor device of claim 24, wherein the gate electrode has a thickness of not less than 30 nm and not more than 100 nm.
- 27. (New) The semiconductor device of claim 24, further comprising a sidewall formed to cover the side faces of the gate electrode.
- 28. (New) The semiconductor device of claim 21, wherein the high dielectric constant film contains nitrogen.

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- 29. (New) The semiconductor device of claim 21, wherein the gate insulating film includes silicon nitride film formed under the zirconium oxide film.
- 30. (New) The semiconductor device of claim 29, wherein the silicon nitride film has a thickness of 1 nm or less.
- 31. (New) The semiconductor device of claim 24, further comprising a gate clectrode on the gate insulating film.
- 32. (New) The semiconductor device of claim 31, wherein a gate electrode is a titanium nitride film.
- 33. (New) The semiconductor device of claim 31, wherein the gate electrode has a thickness of not less than 30 nm and not more than 100 nm.
- 34. (New) The semiconductor device of claim 31, further comprising a sidewall formed to cover the side faces of the gate electrode.
- 35. (New) The semiconductor device of claim 1, wherein the high dielectric constant film substantially directly contacts the top surface of the zirconium oxide film.
- 36. (New) The semiconductor device of claim 21, wherein the high dielectric constant film substantially directly contacts the top surface of the zirconium oxide film.